

ANALYZER MERCURY VAPOR (NEEDS START-UP)

MANUFACTURER: ARIZONA INSTRUMENT LLC

Manufacturer Model# 431-X

Manufacturer's PHONE: (602) 470-1414 FAX: (602) 281-1745

Manufacturer's Website: <http://www.azic.com/>

AAC 'L' ITEM NSN 6630-01-510-9260

UAs: 216B

USAMMA POC: Customer Relationship Management 301-619-1288/4301 - DSN 343-1288/4301

UNIT PRICE: \$14,191.21

System Description: For mercury vapor analysis, the industry proven hand-held Jerome® 431-X utilizes a patented, gold-sensor technology to detect vapor concentrations from as low as 0.003 mg/m3 to as high as 0.999 mg/m3 in just 13 seconds.

Features:

- Rugged design/Easy to operate
- Inherently stable gold film sensor
- Pressure sensitive membrane switch operation
- Accurate analysis of mercury vapor in seconds
- Rechargeable internal battery pack for portability
- Wide detection range allows for multiple applications
- Automatic LCD backlight during low light conditions
- Survey mode for rapid source detection of mercury vapor concentrations
- Microprocessor ensures a linear response throughout the entire range of the sensor
- Optional Data Logging/Optional Software
- Functional Test Kit (FTK) verifies instrument functions correctly between recommended annual factory calibrations



**ANALYZER MERCURY VAPOR
PART # 431-X
NSN 6630015109260**

ANALYZER MERCURY VAPOR (NEEDS START-UP)
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS

Item Dimensions	Height (Inches)	4
	Width (Inches)	6
	Length (Inches)	13
	Cube (Cubic Feet)	0.1806
	Weight	7 lbs
Ship Dimensions	Height (Inches)	0
	Width (Inches)	0
	Length (Inches)	0
	Cube (Cubic Feet)	0
	Weight	
Storage Temp		
Operating Temp		32 to 104 °F (0 to 40 °C)
Storage Humidity		Non-condensing
Operating Humidity		
Amps		1
Watts		120
Power Requirements	100-120 or 220-240 VAC, 50/60 Hz; Internal rechargeable NiCd battery pack	
Notes	Range: 0.001 to 0.999 mg/m3 Sensitivity: 0.003 mg/m3 Hg Precision: 5% relative standard deviation at 0.100 mg/m3 Hg Accuracy: ±5% at 0.100 mg/m3 Hg Response time-sample mode: 12 seconds Response time-survey mode: 3 seconds Flow rate: 750 ± 50 mL/min Fuse: F1A 250V, 5mm X 20mm Case construction: Aluminum alloy Digital meter display: Liquid crystal display (LCD)	

**ANALYZER MERCURY VAPOR (NEEDS START-UP)
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Arizona Instrument LLC	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6630015109260		Analyzer Mercury Vapor (Needs Start-up)	431-X		1	EA	\$14,191.21	\$14,191.21	N/A

**ANALYZER MERCURY VAPOR (NEEDS START-UP)
WEB LINKS**

[Click Below for Operation Manual](#)

[http://www.azic.com/downloads/manuals/700-0046%20\(jerome\)%20431-x%20mercury%20vapor%20analyzer%20user's%20manual.pdf](http://www.azic.com/downloads/manuals/700-0046%20(jerome)%20431-x%20mercury%20vapor%20analyzer%20user's%20manual.pdf)